

RSC Consent Statements for a Chest X-ray

This research study requires a small amount of radiation from a chest x-ray. It must be noted however, that this radiation exposure is **not** necessary for your medical care and is for research purposes only. The total amount of radiation you will receive from this study is from one chest x-ray. The NIH Radiation Safety Committee has reviewed the use of radiation in this research study and has approved this use as involving minimal risk and necessary to obtain the research information desired. The area receiving highest dose will be the lungs at .047 rem. Using the standard way of describing radiation exposure, from one chest x-ray you will receive an effective dose of .029 rem averaged over your whole body. By comparison, the average person in the United States receives this much radiation every month from natural background sources. The amount of radiation in the study is so small that any increased chance of cancer is statistically insignificant. Please, however, notify your doctor if you have had any other recent x-ray studies since effects of radiation can be additive. *If you are pregnant you may not participate in this aspect of the study.* It is best to avoid radiation to the human embryo.